Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1426	(karyotype or karyotyping and aneuploidy) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:37
L2	249	L1 and ((sequence adj tag) or (nucleotide adj tag) or GST or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:37
L4	115	L2 and ((restriction adj endonuclease adj recognition adj site) or (restriction adj endonuclease adj recognition) or (restriction adj enzyme adj recognition adj site) or (restriction adj enzyme adj site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:41
L5	94	L4 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:53
L6	114	L4 and @ad<="20021155"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:20
L7	40	L4 and @pd<="20021155"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:12
L8	114	L1 and ((sequence adj tag) or (nucleotide adj tag) or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:11
L9	53	L8 and ((restriction adj endonuclease adj recognition adj site) or (restriction adj endonuclease adj recognition) or (restriction adj enzyme adj recognition adj site) or (restriction adj enzyme adj site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:27
L10	15	L9 and @pd<="20021155"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:21

L12	15	L9 and @pd<="20021115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:20
L13	15	L10 and @ad<="20021115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:50
L14	15	L9 and @pd<="20021115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:21
L15	1342	(aneuploidy) and @ay<="20021115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:23
L17	333	L15 and ((sequence adj tag) or (nucleotide adj tag) or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:24
L18	173	L17 and ((restriction adj endonuclease adj recognition adj site) or (restriction adj endonuclease adj recognition) or (restriction adj enzyme adj recognition adj site) or (restriction adj enzyme adj site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:24
L19	168	L18 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:25
L20	1	L19 and (((test adj cell) or (test adj genome)) and ((reference adj cell) or (reference adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:27
L21	8	L9 and (((test adj cell) or (test adj genome)) and ((reference adj cell) or (reference adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 12:27
L23	177	((karyotype or karyotyping) and aneuploidy) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:49

L25	18	L23 and ((sequence adj tag) or (nucleotide adj tag) or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:43
L26	11	L23 and ((restriction adj endonuclease adj recognition adj site) or (restriction adj endonuclease adj recognition) or (restriction adj enzyme adj recognition adj site) or (restriction adj enzyme adj site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:52
L27	4	L26 and ((sequence adj tag) or (nucleotide adj tag) or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:51
L28	1524	(aneuploid or aneuploidy) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:49
L29	1482	L28 and @ad<="20021115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:50
L30	286	L29 and ((sequence adj tag) or (nucleotide adj tag) or (genomic adj sequence adj tag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:51
L31	146	L30 and ((restriction adj endonuclease adj recognition adj site) or (restriction adj endonuclease adj recognition) or (restriction adj enzyme adj recognition adj site) or (restriction adj enzyme adj site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 13:52
L32	142	L31 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:01
L33	0	L31 and (autosome and ((sex adj chromosome) or (x adj chromosome) or (y adj chromosome)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:07

| L34 | 2 | L31 and (((sex adj chromosome) or (x adj chromosome) or (y adj chromosome))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/04 14:03 |
| L35 | 0 | L31 and (autosome) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/04 14:07 |

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
******** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog ********
ENTER PASSWORD:
******** HHHHHHHH SSSSSSSS? ********
Status: Login successfulWelcome to DIALOG

Dialog level 05.08.03D

Last logoff: 01nov05 16:09:41
Logon file405 04nov05 13:36:23
              *** ANNOUNCEMENT ***
                    ***
--UPDATED: Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                    ***
NEW FILES RELEASED
***Inspec (File 202)
***Physical Education Index (File 138)
***Computer and Information Systems Abstracts (File 56)
***Electronics and Communications Abstracts (File 57)
***Solid State and Superconductivity Abstracts (File 68)
***ANTE: Abstracts in New Technologies (File 60)
                    ***
RELOADS COMPLETED
*** The 2005 reload of the CLAIMS files (Files 340, 341, 942)
is now available online.

RESUMED UPDATING
***ERIC (File 1)
                    ***
Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), and Derwent Chemistry Resource (F355).
                    ***
    >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
    >>>   of new databases, price changes, etc.   <<<
                    ****
* * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.7.9 term=ASCII
                *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

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       /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?
Terminal set to DLINK
                    *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

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    /H = Help   /L = Logoff   /NOMENU = Command Mode

? b biosci

>>>   44 is unauthorized
>>>   76 is unauthorized
>>>2 of the specified files are not available
       04nov05 13:36:28 User276741 Session D53.1
             $0.00   0.223 DialUnits FileHomeBase
     $0.00   Estimated cost FileHomeBase
     $0.02   TELNET
     $0.02   Estimated cost this search
     $0.02   Estimated total session cost   0.223 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File   5:Biosis Previews(R) 1969-2005/Oct W5
          (c) 2005 BIOSIS
   File 24:CSA Life Sciences Abstracts 1966-2005/Sep
          (c) 2005 CSA.
   File 28:Oceanic Abstracts 1966-2005/Sep
          (c) 2005 CSA.
   File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W4
          (c) 2005 Inst for Sci Info
   File 35:Dissertation Abs Online 1861-2005/Oct
          (c) 2005 ProQuest Info&Learning
   File 40:Enviroline(R) 1975-2005/Jul
   File 41:Pollution Abstracts 1966-2005/Sep
          (c) 2005 CSA.
   File 50:CAB Abstracts 1972-2005/Oct
          (c) 2005 CAB International
   File 65:Inside Conferences 1993-2005/Oct W5
          (c) 2005 BLDSC all rts. reserv.
   File 71:ELSEVIER BIOBASE 1994-2005/Oct W4
          (c) 2005 Elsevier Science B.V.

```
    File  73:EMBASE 1974-2005/Nov 03
          (c) 2005 Elsevier Science B.V.
    File  91:MANTIS(TM) 1880-2005/Jun
          2001 (c) Action Potential
    File  94:JICST-EPlus 1985-2005/Aug W4
          (c)2005 Japan Science and Tech Corp(JST)
    File  98:General Sci Abs/Full-Text 1984-2004/Dec
          (c) 2005 The HW Wilson Co.
    File 110:WasteInfo 1974-2002/Jul
          (c)   2002 AEA Techn Env.
*File 110: This file is closed (no updates)0
    File 135:NewsRx Weekly Reports 1995-2005/Oct W5
          (c) 2005 NewsRx
    File 136:BioEngineering Abstracts-1966-2005/Sep (c) 2005 CSA.
    File 143:Biol. & Agric. Index 1983-2005/Sep
          (c) 2005 The HW Wilson Co
    File 144:Pascal 1973-2005/Oct W4
          (c) 2005 INIST/CNRS
    File 155:MEDLINE(R) 1951-2005/Nov 02
          (c) format only 2005 Dialog
    File 164:Allied & Complementary Medicine 1984-2005/Nov
          (c) 2005 BLHCIS
    File 172:EMBASE Alert 2005/Nov 04
          (c) 2005 Elsevier Science B.V.
    File 185:Zoological Record Online(R) 1978-2005/Nov
          (c) 2005 BIOSIS
    File 357:Derwent Biotech Res. _1982-2005/Nov W1
          (c) 2005 Thomson Derwent & ISI
    File 369:New Scientist 1994-2005/Jul W3
          (c) 2005 Reed Business Information Ltd.
    File 370:Science 1996-1999/Jul W3
          (c) 1999 AAAS
*File 370: This file is closed (no updates). Use File 47 for more current
information.
    File 391:Beilstein Reactions 2005/Q2
          (c) 2005 Beilstein GmbH
    File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
    File 467:ExtraMED(tm) 2000/Dec
          (c) 2001 Informania Ltd.
*File 467: F467 no longer updates; see Help News467.                    7.


       Set  Items  Description
       ---  -----  -----------
? s ((karyotype or karyotyping) and aneuploidy) not Py>2002
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
         128088  KARYOTYPE
          55026  KARYOTYPING
          58257  ANEUPLOIDY
       12671642  PY>2002
      S1    6305  ((KARYOTYPE OR KARYOTYPING) AND ANEUPLOIDY) NOT PY>2002
? s s1 and ((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w)
sequence (w) tag) or (genomic (w) sequence (w) tag))
Processing
Processed  20 of  29 files ...
Completed processing all files
           6305  S1
        3376588  SEQUENCE
          85048  TAG
          17214  SEQUENCE(W)TAG
```

```
        1284796  NUCLEOTIDE
          85048  TAG
             50  NUCLEOTIDE(W)TAG
         552178  GENOMIC
        3376588  SEQUENCE
          85048  TAG
              5  GENOMIC(W)SEQUENCE(W)TAG
         552178  GENOMIC
        3376588  SEQUENCE
          85048  TAG
              5  GENOMIC(W)SEQUENCE(W)TAG
   S2         1  S1 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR
                 (GENOMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE
                 (W) TAG))
? type s2
```

2/2/1   (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2005 Elsevier Science B.V. All rts. reserv.

11732347   EMBASE No: 2002304126
  **Gene expression profile of trisomy 21 placentas: A potential approach for
designing noninvasive techniques of prenatal diagnosis**
  Gross S.J.; Ferreira J.C.; Morrow B.; Dar P.; Funke B.; Khabele D.;
Merkatz I.
  Dr. S.J. Gross, Division of Reproductive Genetics, Department of
  Obstetrics, A. E. Coll. Med./Montefio. Med. Ctr., 1695 Eastchester Rd
  R301, Bronx, NY 10461 United States
  AUTHOR EMAIL: suedoc1@aol.com
  American Journal of Obstetrics and Gynecology (AM. J. OBSTET. GYNECOL.)
(United States)   2002, 187/2 (457-462)
  CODEN: AJOGA   ISSN: 0002-9378
  DOCUMENT TYPE: Journal ; Article
  LANGUAGE: ENGLISH   SUMMARY LANGUAGE: ENGLISH
  NUMBER OF REFERENCES: 25;
MOLECULAR SEQUENCE NUMBER: GENBANK, N31645; GENBANK, N93686; GENBANK,
AA001841; GENBANK, AA156461; GENBANK, AA464595; GENBANK, AA598514
DRUG DESCRIPTORS:
biochemical marker
MEDICAL DESCRIPTORS:
*gene expression; *trisomy 21; *placenta; *prenatal diagnosis
DNA microarray; **karyotype** ; expressed **sequence** **tag** ; gene
overexpression; Northern blotting; maternal serum; **aneuploidy** ; pregnancy;
technique; human; controlled study; human tissue; fetus; article;
nucleotide sequence; priority journal
SECTION HEADINGS:
  007 Pediatrics and Pediatric Surgery
  010 Obstetrics and Gynecology
? s s1 and ((restriction (w) endonuclease (w) recognition (w) site) or
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme (w)
recognition (w) site) or (restriction (w) enzyme (w) site))
Processed 10 of 29 files ...
Processing
Completed processing all files
```
           6305  S1
         671784  RESTRICTION
         117869  ENDONUCLEASE
        1041198  RECOGNITION
        3070519  SITE
            248  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
         671784  RESTRICTION
```

```
        117869   ENDONUCLEASE
       1041198   RECOGNITION
           645   RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
        671784   RESTRICTION
       4091407   ENZYME
       1041198   RECOGNITION
       3070519   SITE
           243   RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
        671784   RESTRICTION
       4091407   ENZYME
       3070519   SITE
          1431   RESTRICTION(W)ENZYME(W)SITE
    S3       0   S1 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W)
                 SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION)
                 OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
                 (RESTRICTION (W) ENZYME (W) SITE))
? s ((karyotype or karyotyping)  not Py>2002
>>>Unmatched parentheses
? s (karyotype or karyotyping)  not Py>2002
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
        128088   KARYOTYPE
         55026   KARYOTYPING
      12671642   PY>2002
    S4  150177   (KARYOTYPE OR KARYOTYPING)  NOT PY>2002
? s s4 not pd>20021115
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
        150177   S4
       7814333   PD>20021115
    S5  150014   S4 NOT PD>20021115
? s s5 and ((restriction (w) endonuclease (w) recognition (w) site) or
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme (w)
recognition (w) site) or (restriction (w) enzyme (w) site))
Processing
Processed  10 of  29 files ...
Completed processing all files
        150014   S5
        671784   RESTRICTION
        117869   ENDONUCLEASE
       1041198   RECOGNITION
       3070519   SITE
           248   RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
        671784   RESTRICTION
        117869   ENDONUCLEASE
       1041198   RECOGNITION
           645   RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
        671784   RESTRICTION
       4091407   ENZYME
       1041198   RECOGNITION
       3070519   SITE
           243   RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
        671784   RESTRICTION
       4091407   ENZYME
       3070519   SITE
          1431   RESTRICTION(W)ENZYME(W)SITE
    S6       3   S5 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W)
                 SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION)
                 OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
                 (RESTRICTION (W) ENZYME (W) SITE))
? type s6/free/all
```

6/8/1   (Item 1 from file: 5)
0008899037   BIOSIS NO.: 199396063453
Restriction map and polymorphisms of nuclear ribosomal genes of Populus
  balsamifera
1993

6/8/2   (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

02638207   Genuine Article#: LT282   Number of References: 34
Title: RIBOSOMAL-RNA GENES IN SCOTS PINE (PINUS-SYLVESTRIS L) - CHROMOSOMAL
    ORGANIZATION AND STRUCTURE (Abstract Available)
Journal Subject Category: GENETICS & HEREDITY
Descriptors--Author Keywords: DIGOXIGENIN-LABELING ; NUCLEOLUS ORGANIZERS ;
    PINUS ; RESTRICTION MAP ; RDNA
Identifiers--KeyWords Plus: NUCLEOTIDE-SEQUENCE; **KARYOTYPE** ANALYSIS;
    MOLECULAR DRIVE; LENGTH VARIANTS; DNA VARIATION; SPACER; POLYMORPHISMS;
    INHERITANCE; GENETICS; LOCATION
Research Fronts: 91-0030 001   (MOLECULAR MARKERS; QUANTITATIVE TRAIT LOCI;
    RFLP MAP OF BARLEY; INTERGENERIC HYBRIDS; POTATO CHROMOSOMES)
  91-2472 001   (NUCLEOLAR ORGANIZER REGIONS; CELL CYCLE-DEPENDENT
    PHOSPHORYLATION OF HUMAN DNA POLYMERASE-ALPHA; ABERRANT KI-67
    EXPRESSION)
  91-4817 001   (LIPASE GENE; CDNA FOR STIMULATORY GDP/GTP EXCHANGE
    PROTEIN; EXPRESSION OF MESSENGER-RNA)
  91-7013 001   (TYPE-II **RESTRICTION   ENDONUCLEASE ;   RECOGNITION**
    SEQUENCE; GENOMIC DNA OF THE MARINE CYANOBACTERIUM TRICHODESMIUM SP
    STRAIN NIBB-1067)

6/8/3   (Item 1 from file: 73)
05144746   EMBASE No: 1992284979
  Accumulation of genetic defects during astrocytoma progression
  1992
? s s5 and ((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w)
sequence (w) tag) or (genomic (w) sequence (w) tag))
Processed 20 of 29 files ...
Processing
Completed processing all files   ·
          150014 S5
         3376588 SEQUENCE
           85048 TAG
           17214 SEQUENCE(W)TAG
         1284796 NUCLEOTIDE
           85048 TAG
              50 NUCLEOTIDE(W)TAG
          552178 GENOMIC
         3376588 SEQUENCE
           85048 TAG
               5 GENOMIC(W)SEQUENCE(W)TAG
          552178 GENOMIC
         3376588 SEQUENCE
           85048 TAG
               5 GENOMIC(W)SEQUENCE(W)TAG
      S7   46 S5 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR
               (GENOMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE
               (W) TAG))
? s s7 and ((restriction (w) endonuclease (w) recognition (w) site) or

```
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme (w)
recognition (w) site) or (restriction (w) enzyme (w) site))
Processing
Processed  10 of  29 files ...
Completed processing all files
               46    S7
           671784    RESTRICTION
           117869    ENDONUCLEASE
          1041198    RECOGNITION
          3070519    SITE
              248 .  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
           671784    RESTRICTION
           117869    ENDONUCLEASE
          1041198    RECOGNITION
              645    RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
           671784    RESTRICTION
          4091407    ENZYME
          1041198    RECOGNITION
          3070519    SITE
              243    RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
           671784    RESTRICTION
          4091407    ENZYME
          3070519    SITE
             1431    RESTRICTION(W)ENZYME(W)SITE
      S8        0    S7 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W)
                     SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION)
                     OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
                     (RESTRICTION (W) ENZYME (W) SITE))
? s (aneuploid or aneuploidy)  not Py>2002
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
            29779    ANEUPLOID
            58257    ANEUPLOIDY
         12671642    PY>2002
      S9    65941    (ANEUPLOID OR ANEUPLOIDY)  NOT PY>2002
? s s9 and ((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w)
sequence (w) tag) or (genomic (w) sequence (w) tag))
            65941    S9
          3376588    SEQUENCE
            85048    TAG
            17214    SEQUENCE(W)TAG
          1284796    NUCLEOTIDE
            85048    TAG
               50    NUCLEOTIDE(W)TAG
           552178    GENOMIC
          3376588    SEQUENCE
            85048    TAG
                5    GENOMIC(W)SEQUENCE(W)TAG
           552178    GENOMIC
          3376588    SEQUENCE
            85048    TAG
                5    GENOMIC(W)SEQUENCE(W)TAG
      S10      11    S9 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR
                     (GENOMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE
                     (W) TAG))
? s s10 and ((restriction (w) endonuclease (w) recognition (w) site) or
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme (w)
recognition (w) site) or (restriction (w) enzyme (w) site))
Processing
Processed  10 of  29 files ...
Completed processing all files
```

```
        11   S10
    671784   RESTRICTION
    117869   ENDONUCLEASE
   1041198   RECOGNITION
   3070519   SITE
       248   RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
    671784   RESTRICTION
    117869   ENDONUCLEASE
   1041198   RECOGNITION
       645   RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
    671784   RESTRICTION
   4091407   ENZYME
   1041198   RECOGNITION
   3070519   SITE
       243   RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
    671784   RESTRICTION
   4091407   ENZYME
   3070519   SITE
      1431   RESTRICTION(W)ENZYME(W)SITE
   S11     0   S10 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION
              (W) SITE) OR (RESTRICTION (W) ENDONUCLEASE (W)
              RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION
              (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))
? ds

Set     Items   Description
S1       6305   ((KARYOTYPE OR KARYOTYPING) AND ANEUPLOIDY) NOT PY>2002
S2          1   S1 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GEN-
                OMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
S3          0   S1 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) -
                SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (R-
                ESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTI-
                ON (W) ENZYME (W) SITE))
S4     150177   (KARYOTYPE OR KARYOTYPING)  NOT PY>2002
S5     150014   S4 NOT PD>20021115
S6          3   S5 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) -
                SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (R-
                ESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTI-
                ON (W) ENZYME (W) SITE))
S7         46   S5 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GEN-
                OMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
S8          0   S7 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) -
                SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (R-
                ESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTI-
                ON (W) ENZYME (W) SITE))
S9      65941   (ANEUPLOID OR ANEUPLOIDY)  NOT PY>2002
S10        11   S9 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GEN-
                OMIC (W) SEQUENCE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
S11         0   S10 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W)
                SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (R-
                ESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTI-
                ON (W) ENZYME (W) SITE))
? s ((restriction (w) endonuclease (w) recognition (w) site) or (restriction
(w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition
(w) site) or (restriction (w) enzyme (w) site)) and ((sequence (w) tag) or
(nucleotide (w) tag) or (genomic (w) sequence (w) tag) or (genomic (w)
sequence (w) tag))
Processing
Processed  10 of  29 files ...
Processing
Processed  20 of  29 files ...
```

```
Completed processing all files
          671784  RESTRICTION
          117869  ENDONUCLEASE
         1041198  RECOGNITION
         3070519  SITE
             248  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
          671784  RESTRICTION
          117869  ENDONUCLEASE
         1041198  RECOGNITION
             645  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
          671784  RESTRICTION
         4091407  ENZYME
         1041198  RECOGNITION
         3070519  SITE
             243  RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
          671784  RESTRICTION
         4091407  ENZYME
         3070519  SITE
            1431  RESTRICTION(W)ENZYME(W)SITE
         3376588  SEQUENCE
           85048  TAG
           17214  SEQUENCE(W)TAG
         1284796  NUCLEOTIDE
           85048  TAG
              50  NUCLEOTIDE(W)TAG
          552178  GENOMIC
         3376588  SEQUENCE
           85048  TAG
               5  GENOMIC(W)SEQUENCE(W)TAG
          552178  GENOMIC
         3376588  SEQUENCE
           85048  TAG
               5  GENOMIC(W)SEQUENCE(W)TAG
   S12       14  ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE)
                  OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR
                  (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
                  (RESTRICTION (W) ENZYME (W) SITE)) AND ((SEQUENCE (W)
                  TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W)
                  TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
? s s12 not pd>20021115
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
              14  S12
         7814333  PD>20021115
   S13        5  S12 NOT PD>20021115
? rd
>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
...completed examining records
   S14        5  RD (unique items)
? type s14/free/all

 14/8/1     (Item 1 from file: 357)
0306460   DBR Accession No.: 2003-08245
Producing hybrid single-stranded DNA for genomic analysis, comprises
    producing outer and inner amplicons by nested polymerase chain reaction
    using primers that hybridize to the DNA, then forming ligatable and
    sequencing structures - for use in genomics  2002
```

14/8/2   (Item 2 from file: 357)
0299833 DBR Accession No.: 2003-01617
Novel isolated nucleic acid molecules encoding NL4 TIE ligand homologue
    polypeptides which are useful for inducing vascularization for wound
    healing and treating ischemic condition of the heart or a limb -
    vector-mediated protein-tyrosine-kinase, immunoglobulin and epidermal
    growth factor ligand gene transfer useful for gene therapy 2002

14/8/3   (Item 3 from file: 357)
0285969 DBR Accession No.: 2002-07816
Simultaneous sequence-specific identification and separation of
    polynucleotide fragments, comprises using restriction endonucleases
    that recognize degenerate bases in their recognition/cleavage sequence,
    useful in DNA fingerprinting - restriction enzyme, vector expression in
    host cell, gel electrophoresis and polymerase chain reaction useful
    disease diagnosis and mutation detection 2002

14/8/4   (Item 4 from file: 357)
0267173 DBR Accession No.: 2001-06927
Generating first strand cDNAs from mRNA sample for generating cDNA
    libraries enriched for 5' sequences by hybridizing mRNA with primer
    oligonucleotides, synthesizing cDNAs and separating unbound primer
  ' molecules - generating cDNA library using polymerase chain reaction
    2001

14/8/5   (Item 5 from file: 357)
0215496 DBR Accession No.: 97-10617
PCR synthesis of cDNA from total RNA - reverse transcription-polymerase
    chain reaction 1997
? type s14/medium/1,3

14/3/1   (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0306460 DBR Accession No.: 2003-08245   PATENT
Producing hybrid single-stranded DNA for genomic analysis, comprises
    producing outer and inner amplicons by nested polymerase chain reaction
    using primers that hybridize to the DNA, then forming ligatable and
    sequencing structures - for use in genomics
AUTHOR: CHEN X
PATENT ASSIGNEE: UNIV VIRGINIA COMMONWEALTH 2002
PATENT NUMBER: WO 200290505 PATENT DATE: 20021114 WPI ACCESSION NO.:
    2003-111964 (200310)
PRIORITY APPLIC. NO.: US 289514 APPLIC. DATE: 20010509
NATIONAL APPLIC. NO.: WO 2002US14431 APPLIC. DATE: 20020509
LANGUAGE: English

14/3/3   (Item 3 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0285969 DBR Accession No.: 2002-07816   PATENT
Simultaneous sequence-specific identification and separation of
    polynucleotide fragments, comprises using restriction endonucleases
    that recognize degenerate bases in their recognition/cleavage sequence,

useful in DNA fingerprinting - restriction enzyme, vector expression in host cell, gel electrophoresis and polymerase chain reaction useful disease diagnosis and mutation detection
AUTHOR: LI B;   WANG X;   SHI L
PATENT ASSIGNEE: SYNGENTA PARTICIPATIONS AG   2002
PATENT NUMBER: WO 200202805   PATENT DATE: 20020110   WPI ACCESSION NO.:
    2002-106604   (200214)
PRIORITY APPLIC. NO.: US 215596   APPLIC. DATE: 20000630
NATIONAL APPLIC. NO.: WO 2001EP7469   APPLIC. DATE: 20010629
LANGUAGE: English
?   b 411
        04nov05 13:56:22 User276741 Session D53.2
            $12.73   2.157 DialUnits File5
                $0.00 1 Type(s) in Format   6
            $0.00 1 Types
    $12.73   Estimated cost File5
            $5.37   0.866 DialUnits File24
     $5.37   Estimated cost File24
            $0.77   0.124 DialUnits File28
     $0.77   Estimated cost File28
            $52.00   2.349 DialUnits File34
                $0.00 1 Type(s) in Format   8
            $0.00 1 Types
    $52.00   Estimated cost File34
            $1.13   0.275 DialUnits File35
     $1.13   Estimated cost File35
            $0.73   0.102 DialUnits File40
     $0.73   Estimated cost File40
            $0.67   0.108 DialUnits File41
     $0.67   Estimated cost File41
            $2.22   0.483 DialUnits File50
     $2.22   Estimated cost File50
            $1.23   0.329 DialUnits File65
     $1.23   Estimated cost File65
            $8.22   0.940 DialUnits File71
     $8.22   Estimated cost File71
            $23.74   2.233 DialUnits File73
                $2.94 1 Type(s) in Format   2
                $0.00 1 Type(s) in Format   6
            $2.94 2 Types
    $26.68   Estimated cost File73
            $0.34   0.080 DialUnits File91
     $0.34   Estimated cost File91
            $2.00   0.571 DialUnits File94
     $2.00   Estimated cost File94
            $1.12   0.263 DialUnits File98
     $1.12   Estimated cost File98
            $0.39   0.068 DialUnits File110
     $0.39   Estimated cost File110
            $1.34   0.247 DialUnits File135
     $1.34   Estimated cost File135
            $0.73   0.118 DialUnits File136
     $0.73   Estimated cost File136
            $0.65   0.216 DialUnits File143
     $0.65   Estimated cost File143
            $8.49   1.888 DialUnits File144
     $8.49   Estimated cost File144
            $8.72   2.566 DialUnits File155
     $8.72   Estimated cost File155
            $0.33   0.094 DialUnits File164
     $0.33   Estimated cost File164

```
              $1.23      0.116 DialUnits File172
      $1.23  Estimated cost File172
              $1.30      0.212 DialUnits File185
      $1.30  Estimated cost File185
            $15.11      0.718 DialUnits File357
                 $4.90  2 Type(s) in Format   3
                 $0.00  5 Type(s) in Format   6
              $4.90  7 Types
     $20.01  Estimated cost File357
              $0.32      0.092 DialUnits File369
      $0.32  Estimated cost File369
              $0.29      0.082 DialUnits File370
      $0.29  Estimated cost File370
              $0.00      0.120 DialUnits File391
      $0.00  Estimated cost File391
              $5.65      0.255 DialUnits File434
      $5.65  Estimated cost File434
              $0.43      0.068 DialUnits File467
      $0.43  Estimated cost File467
              OneSearch, 29 files, 17.737 DialUnits FileOS
      $5.33  TELNET
    $170.42  Estimated cost this search
    $170.44  Estimated total session cost  17.961 DialUnits


File 411:DIALINDEX(R)

DIALINDEX(R)
   (c) 2005 Dialog

*** DIALINDEX search results display in an abbreviated ***
*** format unless you enter the SET DETAIL ON command. ***
? sf allbiosci
   You have 80 files in your file list.
   (To see banners, use SHOW FILES command)
? s ((restriction (w) endonuclease (w) recognition (w) site) or (restriction
(w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition
(w) site) or (restriction (w) enzyme (w) site)) and ((sequence (w) tag) or
(nucleotide (w) tag) or (genomic (w) sequence (w) tag) or (genomic (w)
sequence (w) tag))

Your SELECT statement is:
   s ((restriction (w) endonuclease (w) recognition (w) site) or
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme
(w) recognition (w) site) or (restriction (w) enzyme (w) site)) and
((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w) sequence (w)
tag) or (genomic (w) sequence (w) tag))

            Items   File
            -----   ----
               1      73: EMBASE_1974-2005/Nov 03
      Examined  50 files
              13     357: Derwent Biotech Res.__1982-2005/Nov W1
               4     399: CA SEARCH(R)_1967-2005/UD=14319

   3 files have one or more items; file list includes 80 files.

? s ((restriction (w) endonuclease (w) recognition (w) site) or (restriction
(w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition
(w) site) or (restriction (w) enzyme (w) site)) and ((sequence (w) tag) or
(nucleotide (w) tag) or (genomic (w) sequence (w) tag) or (genomic (w)
sequence (w) tag)) and (karyotype or karyotyping or aneuploid or aneuploidy)
```

Your SELECT statement is:
    s ((restriction (w) endonuclease (w) recognition (w) site) or
(restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme
(w) recognition (w) site) or (restriction (w) enzyme (w) site)) and
((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w) sequence (w)
tag) or (genomic (w) sequence (w) tag)) and (karyotype or karyotyping or
aneuploid or aneuploidy)

            Items   File
            -----   ----
      Examined   50 files
            1   357: Derwent Biotech Res.__1982-2005/Nov W1

    1 file has one or more items; file list includes 80 files.

? b 73, 357, 399
        04nov05 14:01:11 User276741 Session D53.3
            $23.50   8.868 DialUnits File411
    $23.50 Estimated cost File411
     $1.33 TELNET
    $24.83 Estimated cost this search
   $195.27 Estimated total session cost 26.828 DialUnits

SYSTEM:OS - DIALOG OneSearch
  File 73:EMBASE 1974-2005/Nov 03
        (c) 2005 Elsevier Science B.V.
  File 357:Derwent Biotech Res. _1982-2005/Nov W1
        (c) 2005 Thomson Derwent & ISI
  File 399:CA SEARCH(R) 1967-2005/UD=14319
        (c) 2005 American Chemical Society
File 399: Use is subject to the terms of your user/customer agreement.
Alert feature enhanced for multiple files, etc. See HELP ALERT.

        Set Items   Description
        --- -----   -----------
? s ((restriction (w) endonuclease (w) recognition (w) site) or (restriction
(w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition
(w) site) or (restriction (w) enzyme (w) site)) and ((sequence (w) tag) or
(nucleotide (w) tag)
or (genomic (w) sequence (w) tag) or (genomic (w) sequence (w) tag))
        151163 RESTRICTION
         33263 ENDONUCLEASE
        170830 RECOGNITION
        571391 SITE
           168 RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
        151163 RESTRICTION
         33263 ENDONUCLEASE
        170830 RECOGNITION
           352 RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
        151163 RESTRICTION
       1234959 ENZYME
        170830 RECOGNITION
        571391 SITE
           121 RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
        151163 RESTRICTION
       1234959 ENZYME
        571391 SITE
           459 RESTRICTION(W)ENZYME(W)SITE
        966401 SEQUENCE

```
      26969  TAG
      12194  SEQUENCE(W)TAG
     641541  NUCLEOTIDE
      26969  TAG
        123  NUCLEOTIDE(W)TAG
     114822  GENOMIC
     966401  SEQUENCE
      26969  TAG
          5  GENOMIC(W)SEQUENCE(W)TAG
     114822  GENOMIC
     966401  SEQUENCE
      26969  TAG
          6  GENOMIC(W)SEQUENCE(W)TAG
S1       18  ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE)
             OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR
             (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
             (RESTRICTION (W) ENZYME (W) SITE)) AND ((SEQUENCE (W)

             TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W)
             TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
? s ((restriction (w) endonuclease (w) recognition (w) site) or (restriction
(w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition
(w) site) or (restriction (w) enzyme (w) site)) and ((sequence (w) tag) or
(nucleotide (w) tag) or (genomic (w) sequence (w) tag) or (genomic (w)
sequence (w) tag)) and (karyotype or karyotyping or aneuploid or aneuploidy)
     151163  RESTRICTION
      33263  ENDONUCLEASE
     170830  RECOGNITION
     571391  SITE
        168  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
     151163  RESTRICTION
      33263  ENDONUCLEASE
     170830  RECOGNITION
        352  RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
     151163  RESTRICTION
    1234959  ENZYME
     170830  RECOGNITION
     571391  SITE
        121  RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
     151163  RESTRICTION
    1234959  ENZYME
     571391  SITE
        459  RESTRICTION(W)ENZYME(W)SITE
     966401  SEQUENCE
      26969  TAG
      12194  SEQUENCE(W)TAG
     641541  NUCLEOTIDE
      26969  TAG
        123  NUCLEOTIDE(W)TAG
     114822  GENOMIC
     966401  SEQUENCE
      26969  TAG
          5  GENOMIC(W)SEQUENCE(W)TAG
     114822  GENOMIC
     966401  SEQUENCE
      26969  TAG
          6  GENOMIC(W)SEQUENCE(W)TAG
      23918  KARYOTYPE
       6673  KARYOTYPING
       5365  ANEUPLOID
      11126  ANEUPLOIDY
```

```
     S2        1   ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE)
                    OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR
                    (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR
                    (RESTRICTION (W) ENZYME (W) SITE)) AND ((SEQUENCE (W)
                    TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W)
                    TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) AND (KARYOTYPE OR
                    KARYOTYPING OR ANEUPLOID OR ANEUPLOIDY)
?  s s1
     S3       18   S1
? rd
...completed examining records
     S4       17   RD (unique items)
?  type s18/free/all
>>>"FREE" is not a valid format name in file(s): 399
>>>Set 18 does not exist
? type s1/ free /all
>>>"FREE" is not a valid format name in file(s): 399
```

1/6/1   (Item 1 from file: 73)
12354523   EMBASE No: 2003476897
  **Transcript identification by analysis of short sequence tags – Influence
of tag length, restriction site and transcript database**
  15 APR 2003

1/6/2   (Item 1 from file: 357)
0357167 DBR Accession No.: 2005-02871
**Cloning a nucleic acid in a desired orientation comprises using the
    directionality of single stranded nucleic acids for the ligation of
    oligonucl**eotide primers, useful in molecular biology and genetic
    engineering – cDNA, RNA or DNA cloning for use in expressed sequence
    tag , **cDNA library construction** 2004

1/6/3   (Item 2 from file: 357)
0353703 DBR Accession No.: 2004-25995
**Determining relative prevalence of one or more cell types in a culture
    comprises providing one or more cells of one or more cell types, each
    comprising a** polynucleotide   tag **– for gene targeting** 2004

1/6/4   (Item 3 from file: 357)
0344296 DBR Accession No.: 2004-16588
**Novel tag addition protein base expression vector expressing tag addition
    protein having tag (A) and tag (B), has expression cassette having
    cloning region of protein coding** sequence , tag **(A) and tag (B)
    coding sequence – vector-mediated tag fusion gene transfer and
    expression in host cell for improved recombinant protein purification
    and downstream processing** 2004

1/6/5   (Item 4 from file: 357)
0344040 DBR Accession No.: 2004-16332
**Obtaining a nucleotide sequence tags from termini of nucleic acids, useful
    for novel gene discoveries, comprises linking a first nucleic acid
    sequence to a linker sequence and cleaving it with a nucleic acid
    cleavage enzyme – gene expression profiling technique** 2004

1/6/6   (Item 5 from file: 357)

0343662 DBR Accession No.: 2004-15954
Digital karyotyping a genome of a test eukaryotic cell comprises isolating
    and enumerating short sequence tags from specific genomic loci and
    comparing the sequence tags to a genome of a reference cell - using
    bioinformatics for human cancer cell karyotyping for use in disease
    diagnosis, therapy and genomics 2004

    1/6/7   (Item 6 from file: 357)
0321781 DBR Accession No.: 2003-22921
Novel secreted and transmembrane polypeptide for modulating biological
    activity of cell expressing the polypeptide, identifying agonists or
    antagonists of polypeptide, and as molecular weight markers -
    recombinant protein production via plasmid expression in host cell for
    use in disease gene therapy 2003

    1/6/8   (Item 7 from file: 357)
0313094 DBR Accession No.: 2003-14234
Thirty seven nucleic acids encoding novel secreted and transmembrane PRO
    polypeptides, useful for modulating biological activity of cell
    expressing the polypeptide, and in chromosome and gene mapping -
    recombinant PRO protein and its encoding gene for use in metabolic
    disease, auditory disease and tumor therapy and gene therapy 2003

    1/6/9   (Item 8 from file: 357)
0313093 DBR Accession No.: 2003-14233
New secreted and transmembrane polypeptide for modulating biological
    activity of a cell expressing the polypeptide, identifying agonists or
    antagonists of the polypeptide, and as molecular weight markers -
    recombinant PRO protein production by expression in Escherichia coli,
    yeast or CHO cell for use in drug screening and therapy and use of the
    PRO protein encoding gene in gene therapy 2003

    1/6/10   (Item 9 from file: 357)
0306460 DBR Accession No.: 2003-08245
Producing hybrid single-stranded DNA for genomic analysis, comprises
    producing outer and inner amplicons by nested polymerase chain reaction
    using primers that hybridize to the DNA, then forming ligatable and
    sequencing structures - for use in genomics 2002

    1/6/11   (Item 10 from file: 357)
0299833 DBR Accession No.: 2003-01617
Novel isolated nucleic acid molecules encoding NL4 TIE ligand homologue
    polypeptides which are useful for inducing vascularization for wound
    healing and treating ischemic condition of the heart or a limb -
    vector-mediated protein-tyrosine-kinase, immunoglobulin and epidermal
    growth factor ligand gene transfer useful for gene therapy 2002

    1/6/12   (Item 11 from file: 357)
0285969 DBR Accession No.: 2002-07816
Simultaneous sequence-specific identification and separation of
    polynucleotide fragments, comprises using restriction endonucleases
    that recognize degenerate bases in their recognition/cleavage sequence,
    useful in DNA fingerprinting - restriction enzyme, vector expression in

host cell, gel electrophoresis and polymerase chain reaction useful
    disease diagnosis and mutation detection 2002

   1/6/13   (Item 12 from file: 357)
0267173 DBR Accession No.: 2001-06927
Generating first strand cDNAs from mRNA sample for generating cDNA
    libraries enriched for 5' sequences by hybridizing mRNA with primer
    oligonucleotides, synthesizing cDNAs and separating unbound primer
    molecules - generating cDNA library using polymerase chain reaction
    2001

   1/6/14   (Item 13 from file: 357)
0215496 DBR Accession No.: 97-10617
PCR synthesis of cDNA from total RNA - reverse transcription-polymerase
    chain reaction 1997
? type s1/medium/3,6

   1/3/3   (Item 2 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0353703 DBR Accession No.: 2004-25995   PATENT
Determining relative prevalence of one or more cell types in a culture
    comprises providing one or more cells of one or more cell types, each
    comprising a polynucleotide   tag   **- for gene targeting**
AUTHOR: SUPEK F;   GEKAKIS N
PATENT ASSIGNEE: IRM LLC 2004
PATENT NUMBER: WO 200494653 PATENT DATE: 20041104 WPI ACCESSION NO.:
    2004-775946 (200476)
PRIORITY APPLIC. NO.: US 465019 APPLIC. DATE: 20030422
NATIONAL APPLIC. NO.: WO 2004US12467 APPLIC. DATE: 20040422
LANGUAGE: English

   1/3/6   (Item 5 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0343662 DBR Accession No.: 2004-15954   PATENT
Digital karyotyping a genome of a test eukaryotic cell comprises isolating
    and enumerating short sequence tags from specific genomic loci and
    comparing the sequence tags to a genome of a reference cell - using
    bioinformatics for human cancer cell karyotyping for use in disease
    diagnosis, therapy and genomics
AUTHOR: WANG T;   VELCULESCU V;   KINZLER K;   VOGELSTEIN B
PATENT ASSIGNEE: UNIV JOHNS HOPKINS 2004
PATENT NUMBER: US 20040096892 PATENT DATE: 20040520 WPI ACCESSION NO.:
    2004-389156 (200436)
PRIORITY APPLIC. NO.: US 705874 APPLIC. DATE: 20031113
NATIONAL APPLIC. NO.: US 705874 APPLIC. DATE: 20031113
LANGUAGE: English
? type s2/free
>>>"FREE" is not a valid format name in file(s): 399

   2/6/1   (Item 1 from file: 357)
0343662 DBR Accession No.: 2004-15954
Digital   karyotyping **a genome of a test eukaryotic cell comprises**
    isolating and enumerating short sequence tags from specific genomic

**loci and comparing the sequence tags to a genome of a reference cell -
using bioinformatics for human cancer cell karyotyping for use in
disease diagnosis, therapy and genomics 2004**
? ds

```
Set     Items   Description
S1        18    ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR
                (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTI-
                ON (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) E-
                NZYME (W) SITE)) AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) T-
                AG) OR (GENOM
S2         1    ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR
                (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTI-
                ON (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) E-
                NZYME (W) SITE)) AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) T-
                AG) OR (GENOM
S3        18    S1
S4        17    RD (unique items)
```
? save temp
Temp SearchSave "TD138156651" stored
? logoff
```
        04nov05 14:07:37 User276741 Session D53.4
            $11.52    1.084 DialUnits File73
               $0.00  1 Type(s) in Format  6
            $0.00  1 Types
    $11.52  Estimated cost File73
            $8.87     0.422 DialUnits File357
               $4.90  2 Type(s) in Format  3
               $0.00  14 Type(s) in Format  6
            $4.90  16 Types
    $13.77  Estimated cost File357
            $14.54    1.159 DialUnits File399
    $14.54  Estimated cost File399
            OneSearch, 3 files,  2.664 DialUnits FileOS
     $1.86  TELNET
    $41.69  Estimated cost this search
   $236.96  Estimated total session cost  29.493 DialUnits
```

Logoff: level 05.08.03 D 14:07:37

You are now logged off